

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062524\
 Data File : VU059498.D
 Acq On : 26 Jun 2024 02:31
 Operator : MD/SY
 Sample : P3006-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :

Quant Time: Jun 26 06:19:55 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 26 05:55:36 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

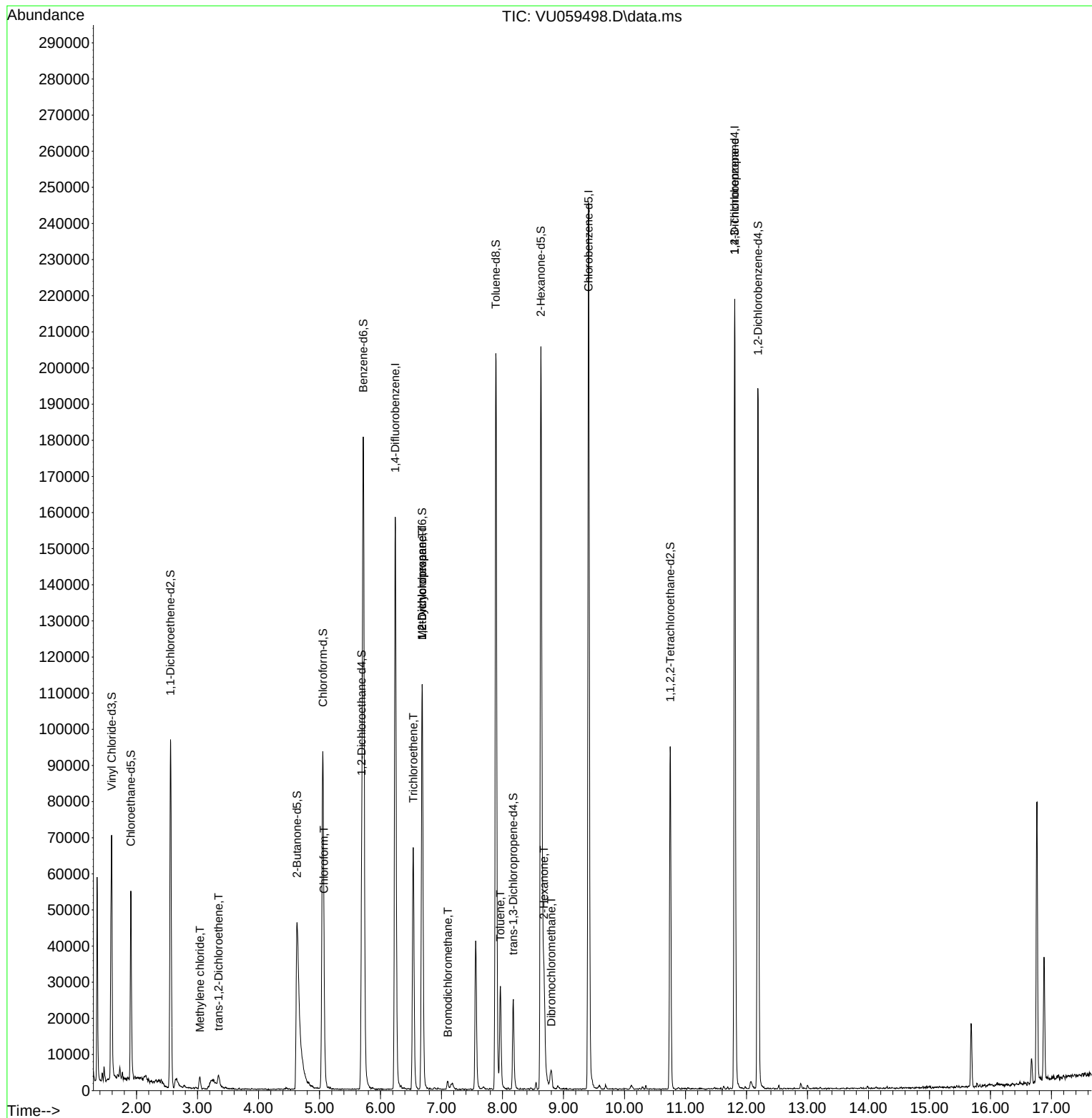
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	134900	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	145737	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	62863	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	42724	4.555	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.000%
7) Chloroethane-d5	1.907	69	40671	4.506	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.200%
11) 1,1-Dichloroethene-d2	2.557	65	18694	4.804	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.000%
20) 2-Butanone-d5	4.631	46	101342	52.449	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.900%
24) Chloroform-d	5.055	84	90261	4.688	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.800%
26) 1,2-Dichloroethane-d4	5.692	65	45190	4.872	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.400%
32) Benzene-d6	5.718	84	177560	4.427	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
36) 1,2-Dichloropropane-d6	6.682	67	54717	4.452	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.000%
41) Toluene-d8	7.891	98	147288	3.950	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	79.000%
43) trans-1,3-Dichloroprop...	8.177	79	15723	4.085	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	81.800%
46) 2-Hexanone-d5	8.627	63	73259	45.813	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.620%
56) 1,1,2,2-Tetrachloroeth...	10.749	84	49736	4.898	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.000%
66) 1,2-Dichlorobenzene-d4	12.190	152	55433	4.954	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.000%
Target Compounds						Qvalue
16) Methylene chloride	3.039	84	1814	0.160	ug/L	88
18) trans-1,2-Dichloroethene	3.345	96	1212	0.122	ug/L	97
25) Chloroform	5.074	83	4790	0.248	ug/L	87
34) Trichloroethene	6.537	95	22906	1.911	ug/L	90
35) Methylcyclohexane	6.682	83	12888	0.756	ug/L #	23
37) 1,2-Dichloropropane	6.682	63	5867	0.512	ug/L #	90
38) Bromodichloromethane	7.103	83	2050	0.143	ug/L #	87
42) Toluene	7.965	91	22068	0.471	ug/L	100
48) 2-Hexanone	8.679	43	15000	3.960	ug/L #	89
49) Dibromochloromethane	8.801	129	1954	0.209	ug/L	88
61) 1,2,3-Trichloropropane	11.807	75	7212	1.241	ug/L #	68

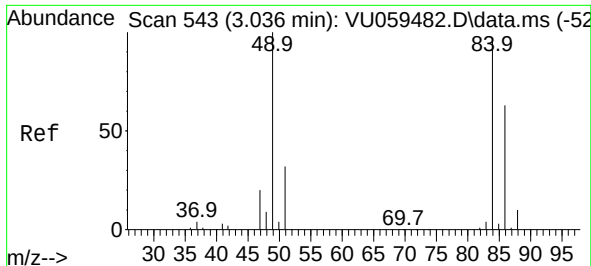
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration





#16

Methylene chloride

Concen: 0.160 ug/L

RT: 3.039 min Scan# 543

Delta R.T. 0.003 min

Lab File: VU059498.D

Acq: 26 Jun 2024 02:31

Instrument :

MSVOA_U

ClientSampleId :

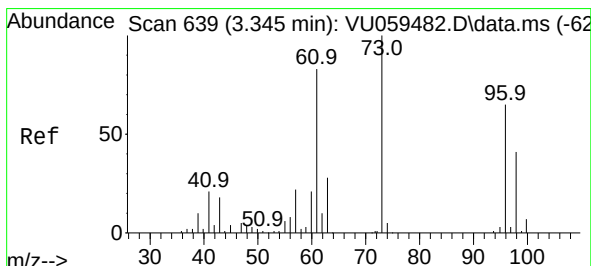
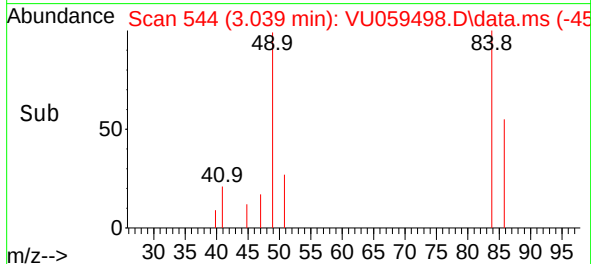
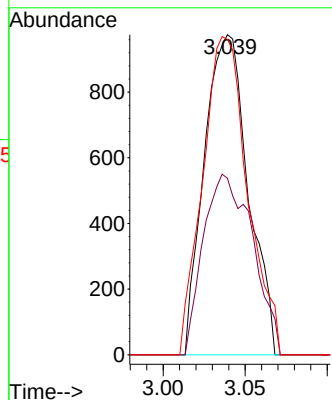
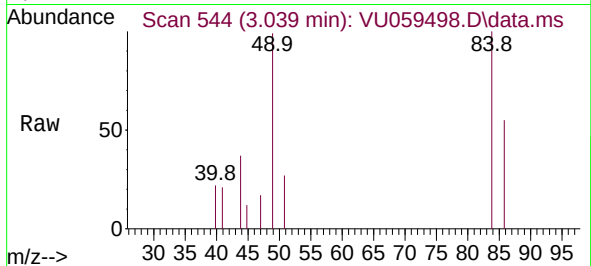
Tgt Ion: 84 Resp: 1814

Ion Ratio Lower Upper

84 100

86 55.2 42.1 78.1

49 98.6 80.6 149.8



#18

trans-1,2-Dichloroethene

Concen: 0.122 ug/L

RT: 3.345 min Scan# 639

Delta R.T. -0.000 min

Lab File: VU059498.D

Acq: 26 Jun 2024 02:31

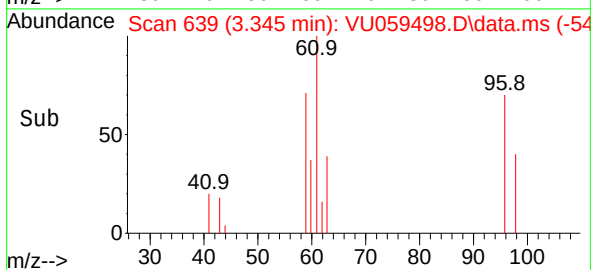
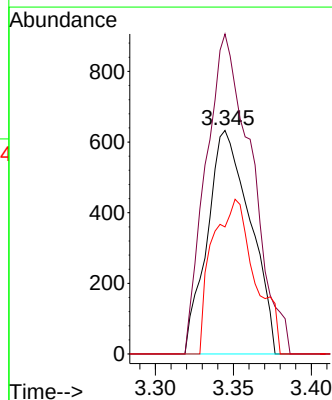
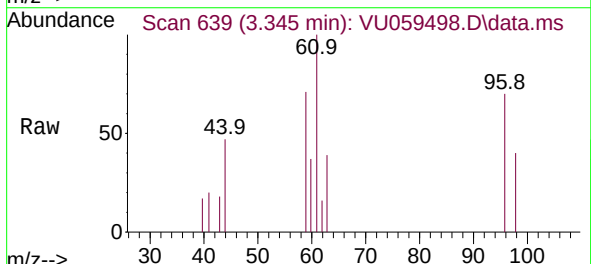
Tgt Ion: 96 Resp: 1212

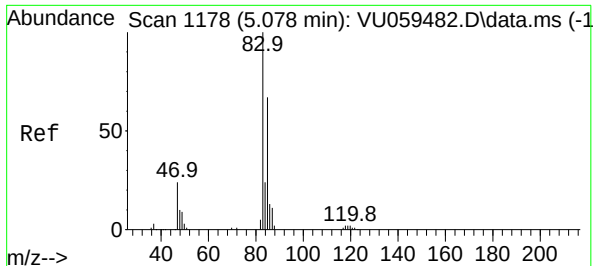
Ion Ratio Lower Upper

96 100

61 143.1 101.8 189.0

98 56.9 43.3 80.5





#25

Chloroform

Concen: 0.248 ug/L

RT: 5.074 min Scan# 1177

Delta R.T. -0.003 min

Lab File: VU059498.D

Acq: 26 Jun 2024 02:31

Instrument :

MSVOA_U

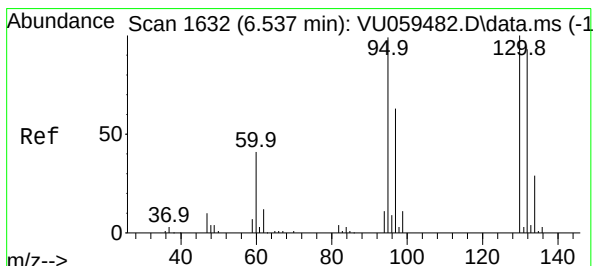
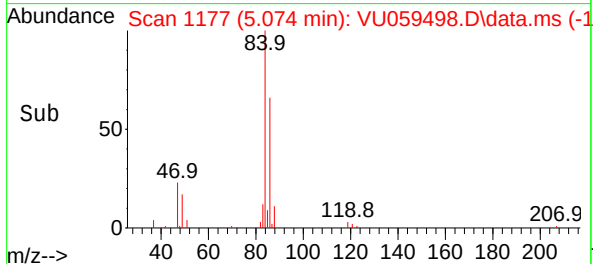
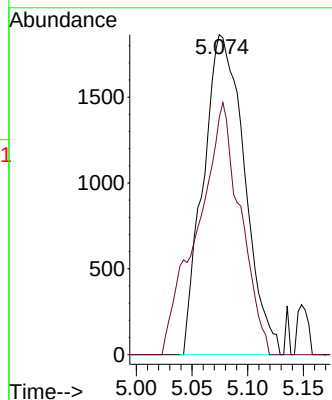
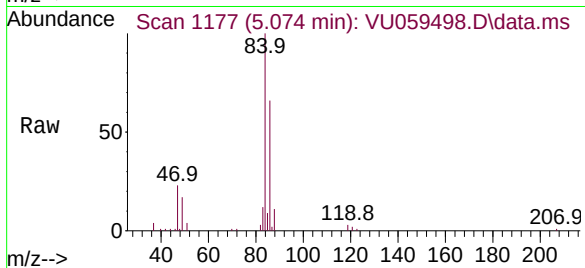
ClientSampleId :

Tgt Ion: 83 Resp: 4790

Ion Ratio Lower Upper

83 100

85 74.1 44.7 83.1



#34

Trichloroethene

Concen: 1.911 ug/L

RT: 6.537 min Scan# 1632

Delta R.T. -0.000 min

Lab File: VU059498.D

Acq: 26 Jun 2024 02:31

Tgt Ion: 95 Resp: 22906

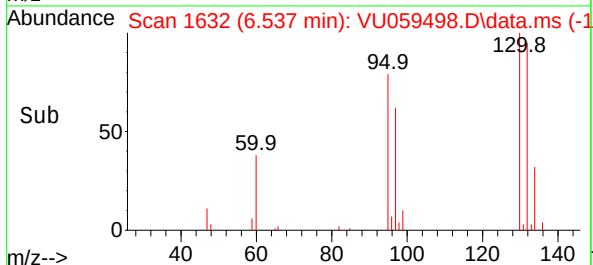
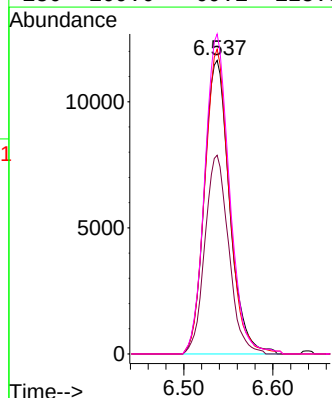
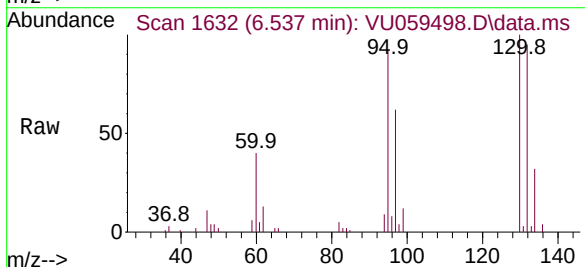
Ion Ratio Lower Upper

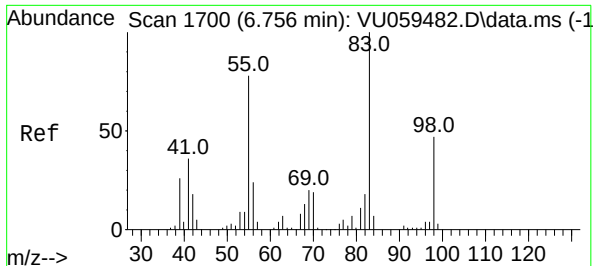
95 100

97 67.7 45.3 84.1

132 103.8 64.0 119.0

130 109.0 69.1 128.3





#35

Methylcyclohexane

Concen: 0.756 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.074 min

Lab File: VU059498.D

Acq: 26 Jun 2024 02:31

Instrument :

MSVOA_U

ClientSampleId :

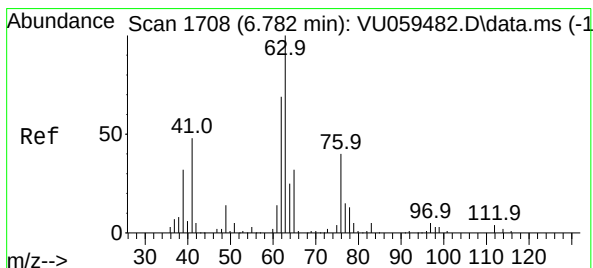
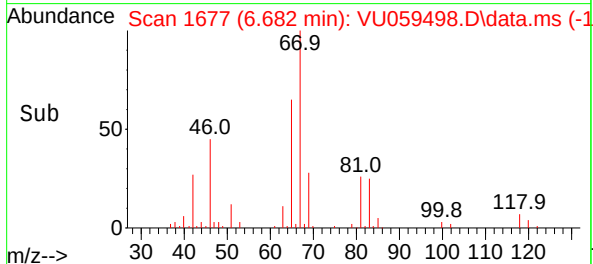
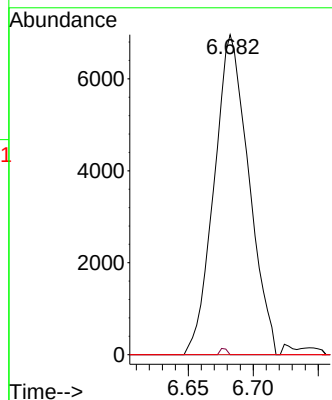
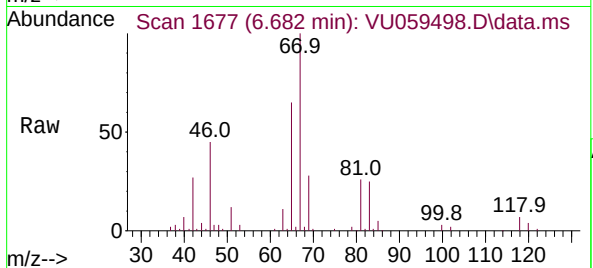
Tgt Ion: 83 Resp: 12888

Ion Ratio Lower Upper

83 100

55 0.4 62.7 94.1#

98 8.8 35.4 53.0#



#37

1,2-Dichloropropane

Concen: 0.512 ug/L

RT: 6.682 min Scan# 1677

Delta R.T. -0.100 min

Lab File: VU059498.D

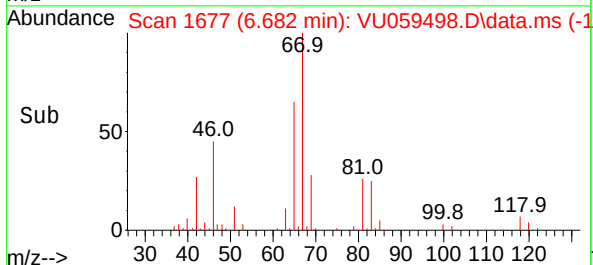
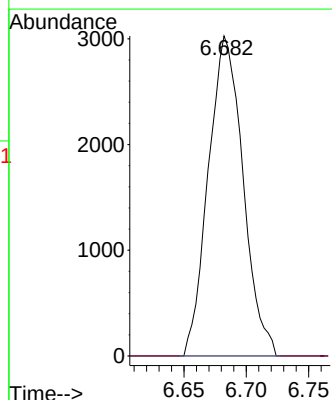
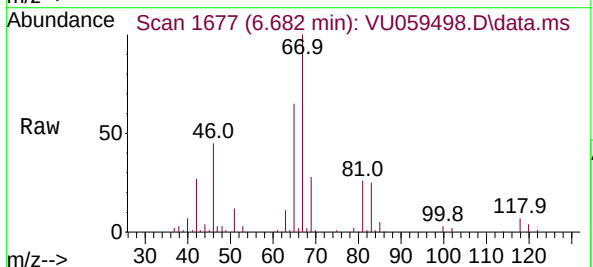
Acq: 26 Jun 2024 02:31

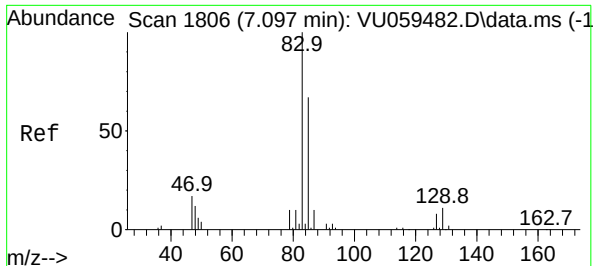
Tgt Ion: 63 Resp: 5867

Ion Ratio Lower Upper

63 100

112 0.0 2.6 3.8#





#38

Bromodichloromethane

Concen: 0.143 ug/L

RT: 7.103 min Scan# 1808

Delta R.T. 0.006 min

Lab File: VU059498.D

Acq: 26 Jun 2024 02:31

Instrument :

MSVOA_U

ClientSampleId :

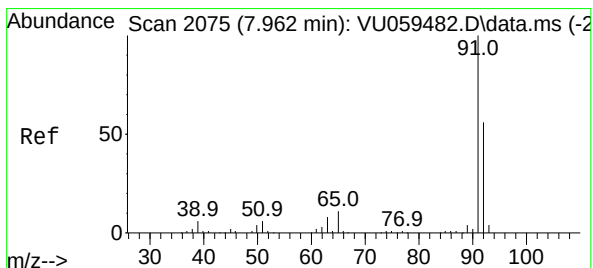
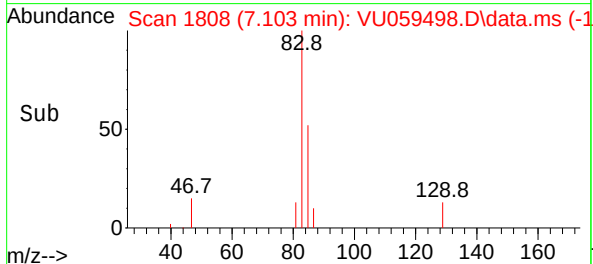
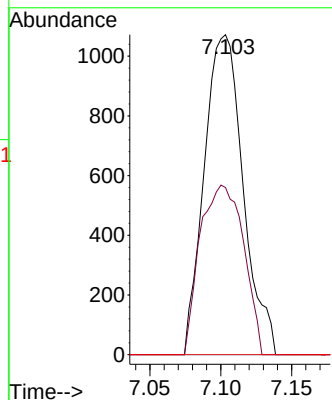
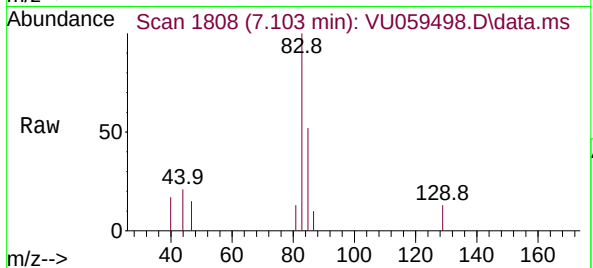
Tgt Ion: 83 Resp: 2050

Ion Ratio Lower Upper

83 100

85 52.2 42.7 79.3

127 0.0 6.1 9.1#



#42

Toluene

Concen: 0.471 ug/L

RT: 7.965 min Scan# 2076

Delta R.T. 0.003 min

Lab File: VU059498.D

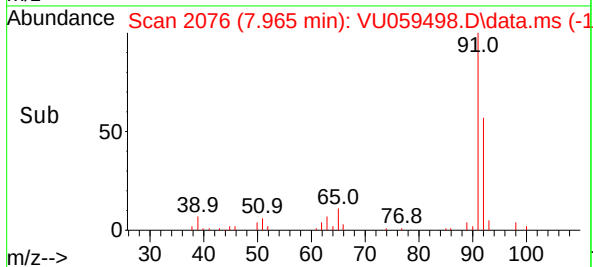
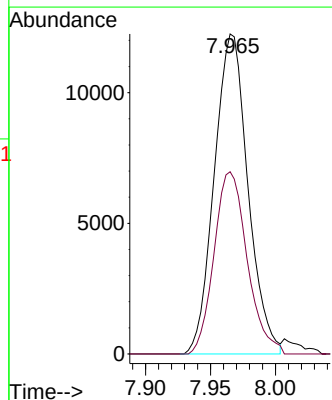
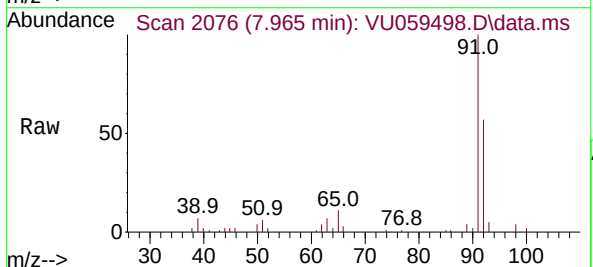
Acq: 26 Jun 2024 02:31

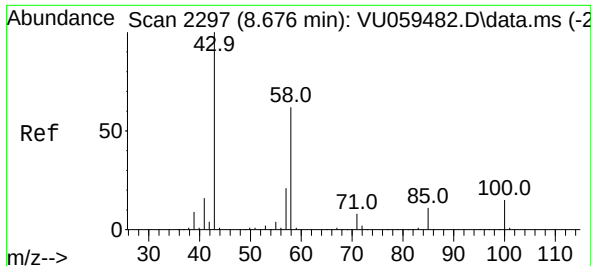
Tgt Ion: 91 Resp: 22068

Ion Ratio Lower Upper

91 100

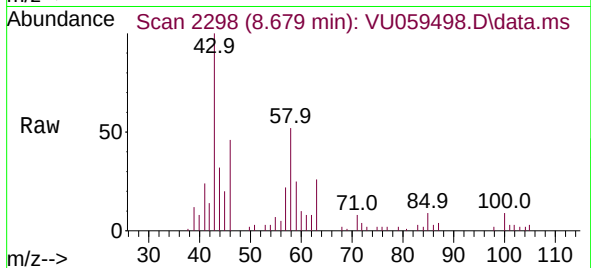
92 56.9 39.7 73.7



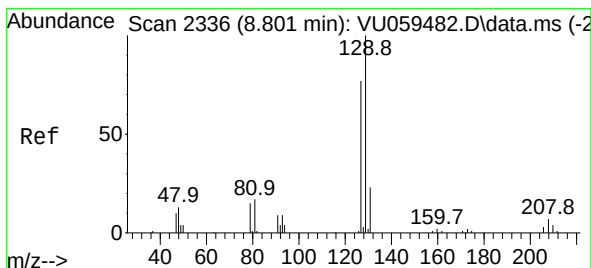
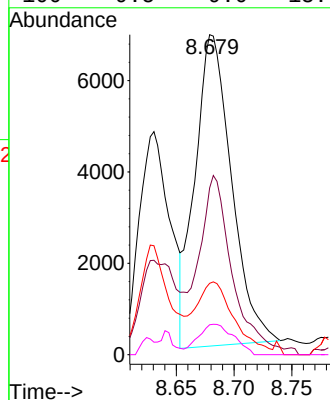
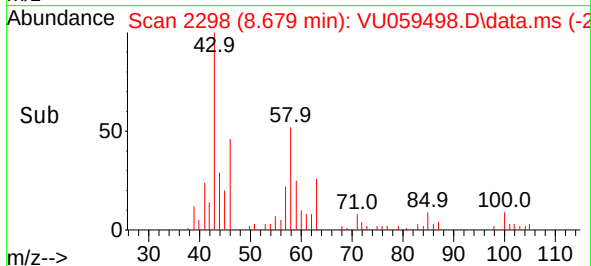


#48
2-Hexanone
Concen: 3.960 ug/L
RT: 8.679 min Scan# 2297
Delta R.T. 0.003 min
Lab File: VU059498.D
Acq: 26 Jun 2024 02:31

Instrument :
MSVOA_U
ClientSampleId :

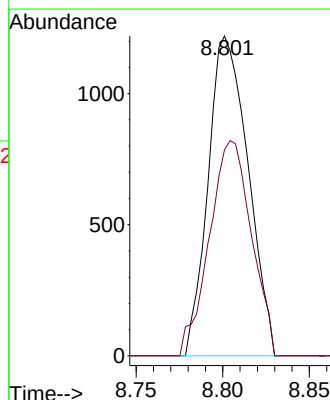
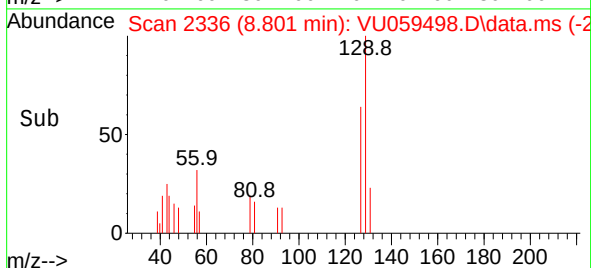
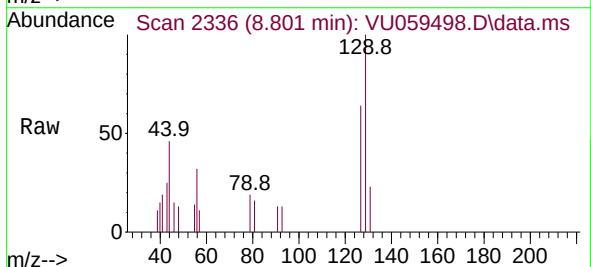


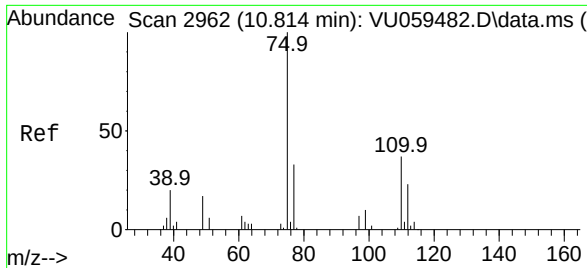
Tgt Ion: 43 Resp: 15000
Ion Ratio Lower Upper
43 100
58 48.4 46.1 69.1
57 24.2 15.5 23.3#
100 9.5 9.0 13.6



#49
Dibromochloromethane
Concen: 0.209 ug/L
RT: 8.801 min Scan# 2336
Delta R.T. -0.000 min
Lab File: VU059498.D
Acq: 26 Jun 2024 02:31

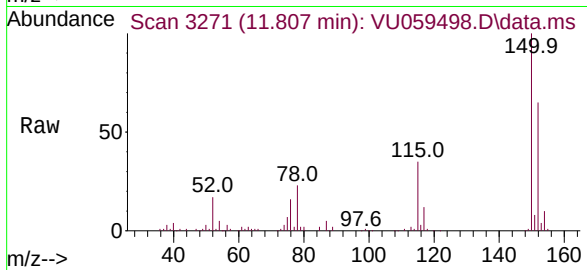
Tgt Ion: 129 Resp: 1954
Ion Ratio Lower Upper
129 100
127 64.4 52.5 97.5





#61
1,2,3-Trichloropropane
Concen: 1.241 ug/L
RT: 11.807 min Scan# 31
Delta R.T. 0.994 min
Lab File: VU059498.D
Acq: 26 Jun 2024 02:31

Instrument :
MSVOA_U
ClientSampleId :



Tgt Ion: 75 Resp: 7212
Ion Ratio Lower Upper
75 100
110 0.0 27.1 40.7#
77 32.9 25.4 38.2

